

PHOTOGRAPHIC INTERPRETATION REPORT

MISSION COVERAGE INDEX MISSION 3213 19 JANUARY 1963

NPIC/R-57/63 April 1963

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

25X1

,	Approved For Release 2003/09/02 : CIA-RDP78B04560A000700010043-4	
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PREFACE

This Mission Coverage Index (MCI) furnishes a listing of items of intelligence interest covered by aerial photography from Mission 3213 dated 19 January 1963. Items in this listing are arranged by country and within the country by WAC area. Items are arranged within a WAC by coordinates reading from south to north and from west to east. An explanation of column headings and photo reference data used in presenting the information is contained in the appendix.

For convenience of the user, a subject index to the intelligence targets has been included following the listing. Targets in the subject index are listed (1) by category, (2) alphabetically by country within the category, and (3) alphabetically by place name within each country.

The user of this MCI is cautioned that the scan of photography from Mission 3213 was accomplished in a relatively short time and often without the aid of precise analytical and mensural equipment commonly employed in detailed photographic analysis. Consequently, although this information is essentially accurate, future detailed analysis may somewhat alter portions of the information.

Mission 3213 covers portions of Bhutan, China, Tibet, India, and Pakistan.

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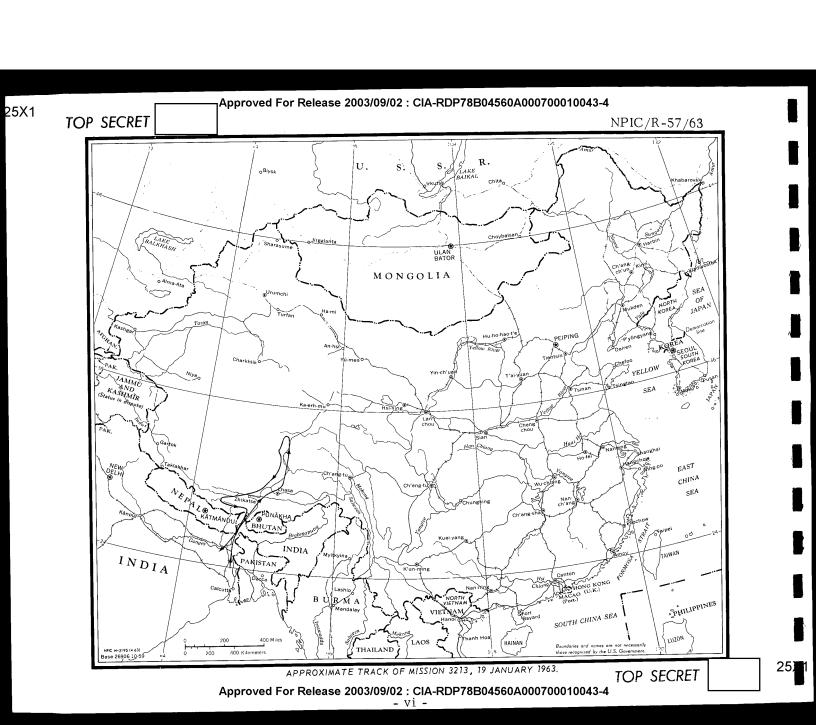
Listing of Intelligence Items for:

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TOP SECRET

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TOP SECRET NPIC/R-57/63 Installation Numbers
BE NPIC City, Installation Coordinates WAC

	 	_	BE	NPIC
-BHUTAN-				
DZONGSA DZONG MILITARY AREA AT DZONGSA DZONG.	2706N Ø8853E	Ø553		97
MILITARY COMPLEX APPROXIMATELY 3 NM IN LENGTH INCLUDES THREE AREAS OF BARRACKS-TYPE				
BUILDINGS ALONG THE JALDHAKA RIVER. THE NORTHERN AREA CONTAINS APPROXIMATELY 22				
BARRACKS- AND ADMINISTRATIVE-TYPE BUTEDINGS				
INCLUDES THREE GROUPS OF BARRACKS AND				
ADMINISTRATIVE-TYPE BUILDINGS (TOTALING APPROXIMATELY 68). THE SOUTHERN AREA INCLUDES				
10 SMALL BARRACKS ARRANGED IN AN OVAL.				
APPROXIMATELY 12 BARRACKS JUST NORTH OF OVAL, AND A SUPPORT AREA AROUND THE OVAL WITH				
BUILDINGS SMALL SCALE AND OBLICUITY PRECIOES				
FURTHER INTERPRETATION.				
VECHILLA MATARAGON TO THE			,	
KECHU LA, MILITARY INSTALLATION 80 NM NNE OF COOCH BEHAR (INDIA).	2737N Ø895ØE	Ø554		7
AREA CONTAINS 25 LARGE UNIDENTIFIED BUILDINGS AND 2 PROBABLE PARADE OR TRAINING AREAS.				
THE TRAINING AREAS.]		
-CHINA-				
WEN-CHUAN AREA, BARRACKS, REST AND MAINT AREA	3317N Ø9154F			
ON NAGCHHU DZONG (TIBET) TO WEN-CHUAN ROAD. A 300 X 650 FT WALLED COMPOUND CONTAINS 15	3317N Ø9154E	Ø434		5
QUUNSEL HUIS, 3 BARRACKS, ONE SMALL BULLDING				
AND 2 VEHICLES. A MOTOR POOL ACROSS THE ROAD CONTAINS POL DRUMS AND OTHER OPEN STORAGE. NO				
VEHICLES OBSERVED. APPROXIMATELY .25 NM NW OF				
1		<u> </u>		

25X

THE COMPOUND ANOTHER BARRACKS AREA CONTAINS ONE MULTIWING BUILDING, 2 BARRACKS, 7 SMAULER BUILDINGS, AND 2 VEHICLES. -INDIA-						
DONKUNG, POSSIBLE BARRACKS AREA	2801N	Ø8836E	9438		18	
44 NM NORTH OF GANGTOK. TWENTY-TWO BUILDINGS OBSERVED. NO SECURITY OR ACTIVITY NOTED.				,		
LACHONG, POSSIBLE BARRACKS AREA	28Ø2N	Ø8846E	Ø438		20	ĺ
64 NM NNE OF DARJEELING. SEVENTEEN BUILDINGS OBSERVED. NO SECURITY OR ACTIVITY NOTED.						
25X1D L	2458N	28814E	Ø553		91	
ENGLISH BAZAR AREA, RAIL BRIDGE 5 NM SE OF ENGLISH BAZAR, AN ESTIMATED 600 FT RAILROAD BRIDGE (SINGLE-	242014	900176	2000			
TRACK, 7 SPAN, STEEL GIRDER) CROSSES THE						
25X1D						
MOTIJHARNA, RAIL BRIDGE	2512N	Ø8744E	Ø553		85	

Coordinates

WAC

TOP SECRET

City, Installation

NORTHERN EDGE OF MOTIJHARNA.

DRY CREEK BED.

25X1D

AN ESTIMATED 300 FT RAILROAD BRIDGE (PROBABLE SINGLE-TRACK, 6 SPAN, STEEL GIRDER) CROSSES A

25X1

TOP SECRET

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NPIC

Installation Numbers

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	City, Installation	Coordinates W.		WAC	Installat	ion Numbers
25X	RAMPUR AREA, ROAD BRIDGE WEST OF RAMPUR. AN APPROXIMATELY 250 FT HIGHWAY BRIDGE, (3 1D SPAN REINFORCED CONCRETE, DECK-TYPE) CROSSES THE GUTIJANA RIVER.	2515N	Ø8758E	Ø553	ВЕ	83
25X1	ALINAGAR, RAIL BRIDGE SOUTH EDGE OF ALINAGAR. AN ESTIMATED 1,000 FT RAILROAD BRIDGE (SINGLE-TRACK, DECK-TYPE) CROSSES A TRIBUTARY OF THE GANGES RIVER.	2518N	Ø8742E	Ø553		61
25X1	MALAHAR, RAIL BRIDGE AT MALAHAR AND OVER THE GUTIJANA RIVER. AN ESTIMATED 300 FT RAILROAD BRIDGE (SINGLE-TRACK, 5 SPAN) CROSSES THE GUTIJANA RIVER.	2518N	Ø8.757E	Ø553		86
25X1	KATAKOS, RAIL BRIDGE NE EDGE OF KATAKOS. AN ESTIMATED 300 FT RAILROAD BRIDGE (7 SPAN, PROBABLE STEEL, SINGLE-LANE, DECK-TYPE) CROSSES A TRIBUTARY OF THE GANGES RIVER.	2519N	Ø874ØE	Ø553		75
25X1	KATAREAH AREA, RAIL BRIDGE ONE NM NE OF KATAREAH. AN ESTIMATED 1,500 FT RAILROAD BRIDGE (PROBABLE SINGLE-TRACK, 12 SPAN, DECK-TYPE, PROBABLE STEEL AND REINFORCED CONCRETE) CROSSES THE GHUGRI (KOSI) RIVER.	2525N	Ø8714E	Ø553		94

25X1 TOP SECRET Installation Numbers Coordinates WAC NPIC City, Installation 71 Ø553 2525N Ø8749E DHANIPARA AREA, RAIL BRIDGES ONE NM WNW OF DHANIPARA. TWO PARALLEL APPROXIMATELY 170 FT RAIL BRIDGES (SINGLE-TRACK, 4 SPAN, DECK-TYPE) CROSS A SMALL TRIBUTARY OF THE KALINDRI RIVER. ON EAST EDGE OF TOWN AT 25-24N Ø87-50E AN APPROXIMATELY 200 FT RAIL BRIDGE (SINGLE-TRACK, STEEL GIRDER, 4 SPAN) ALSO CROSSES A TRIBUTARY OF THE KALINDRI RIVER. A PARALLEL 25X1D BRIDGE TO THE NORTH IS UNDER CONSTRUCTION (5 SPAN, APPROXIMATELY 200 FT WHEN COMPLETE). 77 2526N Ø8746E Ø553 LAVA STATION, RAIL BRIDGE AN ESTIMATED 400 FT SINGLE-TRACK, 6 SPAN RAILROAD BRIDGE (4 SPANS ARE STEEL-DECK GIRDER, 2 ARE THROUGH TRUSS) CROSSES THE KALINDRI RIVER. 25X1D 95 2531N Ø8733E Ø553 KATIHAR, RAIL BRIDGES WEST OF KATIHAR. TWO PARALLEL RAIL BRIDGES (ESTIMATED 500 FT. SINGLE-TRACK) CROSS THE KOSI RIVER. 25X1D 76 2536N Ø8747E Ø553 KURSAIL, RAIL BRIDGE EAST OF KURSAIL. AN APPROXIMATELY 900 FT RAILROAD BRIDGE (6-SPAN, SINGLE-TRACK) CROSSES THE KALINDRI RIVER. FIVE SMALL STEEL RAIL BRIDGES ON THE SAME RAIL LINE ARE LOCATED IMMEDIATELY EAST 25X1D OF BARSOI STATION.

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	City, Installation	Coordinates WAC		WAC	Installation Numb	
f			ordinates	WAC	BE	NPIC
X1E	TEGHRA-KUMEDPUR STA RAIL LINE, RAIL BRIDGES ON RAIL LINE FROM TEGHRA TO KUMEDPUR STATION (25-25N Ø87-49E), FIVE RAIL BRIDGES (SINGLE-TRACK, STANDARD GAUGE, DECK-TYPE, STEEL AND REINFORCED CONCRETE) RANGING FROM APPROXIMATELY 100 TO 250 FT IN LENGTH, CROSS SMALL TRIBUTARIES OF THE KALINDRI RIVER.	2537N	Ø8752E	Ø553		87
1D	MUKURIA, RAIL BRIDGES NORTH EDGE OF MUKURIA. TWO PARALLEL APPROXIMATELY 150 FT RAIL BRIDGES (SINGLE-TRACK, 3 SPAN, STEEL, ONE STANDARD AND ONE NARROW GAUGE) CROSS A TRIBUTARY OF THE MAHANANDA RIVER.	2537N	Ø8754E	Ø553		17
(1D	RAGHUNATHPUR, RAIL BRIDGES AT RAGHUNATHPUR. TWO PARALLEL APPROXIMATELY 900 FT RAIL BRIDGES (6 SPAN, SINGLE-TRACK, THROUGH-TRUSS, STEEL) CROSS THE MAHANANDA RIVER. WEST OF RAGHUNATHPUR AN ESTIMATED 125 FT RAIL BRIDGE (PROBABLE 2-SPAN, SINGLE TRACK, THROUGH-TRUSS, STEEL) CROSSES A TRIBUTARY OF THE MAHANANDA RIVER AT 25-39N 087-57E.	2538N	Ø8754E	Ø553		15
1	BANSBITTA, RAIL BRIDGES EAST EDGE OF BANSBITTA. A 350 FT RAIL BRIDGE (NARROW GAUGE, SINGLE- TRACK, DECK-TYPE, 8 SPAN) AND AN APPROXIMATELY 450 FT RAIL BRIDGE (NARROW GAUGE, SINGLE- TRACK, DECK-TYPE, 11 SPAN) CROSS THE DIGHI BIL (LAKE).	2538N	Ø8759E	0553		78

ſ				Coordinates			Installation Numbers	
	City, Installation	Coo.	rdinates	WAC	BE	NPIC		
1D								
X1C	MALAUR, RAIL BRIDGES WEST EDGE OF MALAUR. TWO APPROXIMATELY 250 FT RAIL BRIDGES (SINGLE-TRACK, 5 SPAN, STEEL AND REINFORCED CONCRETE, ONE STANDARD GAUGE AND ONE NARROW GAUGE) CROSS AN UNNAMED STREAM.	2544N	Ø8752E	Ø553		58		
X1C	BAKHARIA, ROAD BRIDGE NORTH EDGE OF BAKHARIA. AN ESTIMATED 150 FT. HIGHWAY BRIDGE (SINGLE- LANE, DECK-TYPE, PROBABLE REINFORCED CONCRETE) CROSSES THE KATUA RIVER.	2551N	Ø8742E	Ø553		80		
X1C	BAISI, ROAD BRIDGE ONE NM WSW OF BAISI. AN ESTIMATED 150 FT HIGHWAY BRIDGE (PROBABLY SINGLE-LANE, DECK-TYPE, PROBABLE REINFORCED CONCRETE) CROSSES THE PARMAN RIVER.	2551N	Ø8744E	0553		79		
(1D	MALLAHTOLI AREA, ROAD BRIDGE ONE NM NORTH OF MALLAHTOLI. AN ESTIMATED 1,500 FT HIGHWAY BRIDGE (PROBABLY 2-LANE, DECK-TYPE, 12 SPAN, REINFORCED CONCRETE) CROSSES THE MAHANANDA RIVER.	2551N	Ø8748E	0553		59		
	DALKOLA, RAIL BRIDGES SOUTH OF DALKOLA. AN ESTIMATED 250 FT RAILROAD BRIDGE (SINGLE-TRACK, 5 SPAN, STEEL TRUSS) AND A PARALLEL ESTIMATED 180 FT RAILROAD BRIDGE (SINGLE-	2551N	Ø875ØE	Ø553		9Ø		

City, Installation	Coordinates	I WAC -	Installation I
			BE
D TRACK, 4-SPAN, PROBABLE STEEL GIRDER) CROSS AN UNNAMED STREAM.			
PATHAUR AREA, ROAD BRIDGE ONE NM ESE OF PATHAUR. AN APPROXIMATELY 220 FT HIGHWAY BRIDGE (SINGLE-LANE, 7 SPAN, DECK-TYPE, REINFORCED CONCRETE) CROSSES AN UNNAMED STREAM.	2551N Ø8755E	Ø553	
NIMASARAI STATION, RAIL BRIDGE SE EDGE OF NIMASARAI STATION. AN ESTIMATED 150 FT RAILROAD BRIDGE (PROBABLE SINGLE-TRACK, DECK-TYPE, PROBABLE STEEL) CROSSES A TRIBUTARY OF THE MAHANADA RIVER.	2504N Ø8809E	Ø553	
KAMARGANJ STATION, RAIL BRIDGES ONE NM NNW OF KAMARGANJ STATION. TWO ESTIMATED 150 FT RAIL BRIDGES (SINGLE- TRACK, DECK-TYPE, 4 SPAN, STEEL AND REINFORCED CONCRETE) CROSS TRIBUTARIES OF THE MAHANANDA RIVER.	2513N Ø88Ø4E	0553	
JIGIN, RAIL BRIDGE WEST OF JIGIN. AN ESTIMATED 600 FT RAILROAD BRIDGE (8 SPAN, SINGLE-TRACK, PROBABLE STEEL GIRDER) CROSSES THE MAHANANDA RIVER.	2513N Ø88Ø5E	Ø553	

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			Installation Numbers
City, Installation	Coordinates	WAC	BE NPIC
BANSIHARI, ROAD BRIDGE EAST OF BANSIHARI. AN ESTIMATED 150 FT HIGHWAY BRIDGE (SINGLE-LANE, DECK-TYPE, REINFORCED CONCRETE) CROSSES	2523N Ø8825E	Ø553	89
THE TANGAN RIVER. KACHNA STATION, RAIL BRIDGE JUST SE OF KACHNA STATION. AN ESTIMATED 150 FT RAILROAD BRIDGE (PROBABLE 4-SPAN, SINGLE-TRACK, STEEL, THROUGH TRUSS) CROSSES THE NAGAR RIVER.	2537N Ø88Ø2E	Ø553	96
RAIGANJ, RAIL AND ROAD BRIDGES ON WEST EDGE OF RAIGANJ. AN APPROXIMATELY 170 FT RAIL BRIDGE (SINGLE- TRACK, 4 SPAN, NARROW GAUGE, DECK-TYPE, STEEL AND CONCRETE) CROSSES THE KULIK RIVER. ON NORTH EDGE OF RAIGANJ AN APPROXIMATELY 125 FT HIGHWAY BRIDGE (2-LANE, DECK-TYPE, REINFORCED CONCRETE) CROSSES THE RAIGANJ	2537N Ø88Ø7E	Ø553	72
RADHIKAPUR STATION, RAIL BRIDGE ONE NM WEST OF RADHIKAPUR STATION. AN ESTIMATED 250 FT RAILROAD BRIDGE (PROBABLE SINGLE-TRACK, DECK-TYPE) CROSSES A TRIBUTARY OF THE TULAI RIVER.	2538N Ø8827E	Ø553	84

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City, Installation	Coordinates	WAC	Installati	on Numbers
MANIKPUR, ROAD BRIDGES AT MANIKPUR. AN APPROXIMATELY 250 FT. HIGHWAY BRIDGE (3 SPAN, DECK-TYPE, REINFORCED CONCRETE) AND AN APPROXIMATELY 180 FT. HIGHWAY BRIDGE (SINGLE SPAN, DECK-TYPE, REINFORCED CONCRETE) CROSS THE NAGAR RIVER AND A TRIBUTARY OF THE NAGAR RIVER.	2542N Ø88Ø2E	Ø553	BE	88
KISHANGANJ, ROAD AND RAIL BRIDGES SW EDGE OF KISHANGANJ. AN ESTIMATED 150 FT ROAD BRIDGE (SINGLE-LANE, 25X1D SINGLE SPAN, DECK-TYPE) AND A PARALLEL APPROXIMATELY 150 FT RAIL BRIDGE (SINGLE-TRACK, 2 SPAN, DECK-TYPE) CROSS AN UNNAMED STREAM.	26Ø5N Ø8756E	Ø553		33
KISHANGANJ, LANDING STRIP SOUTHERN EDGE OF KISHANGANJ. ESTIMATED 2,500 X 250 FT E/W GRADED EARTH LANDING STRIP, SERVICEABLE. NO FACILITIES NOTED. AIRCRAFT NONE OBSERVED.	2605N 08756E	Ø553		33 - A
KANHAIYABARI, ROAD BRIDGE WEST EDGE OF KANHAIYABARI. 5X1 AN ESTIMATED 150 FT HIGHWAY BRIDGE (SINGLE-LANE, DECK-TYPE) CROSSES AN UNNAMED STREAM.	2611N Ø8753E	Ø553		31 :

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						Installation Numbers	
		City, Installation	Coo	rdinates	WAC	BE	NPIC
25X1E	l		26Ø2N	Ø8826E	Ø553		37
25X1	NICHINTAPUR, ROAI WEST EDGE OF NI D AN ESTIMATED 31 LANE, DECK-TYPI		26Ø2N	Ø8827E	Ø553		27
25X1E	SPAN STEEL D		26Ø5N	Ø8-8Ø5E	Ø553		44
25X1I	CROSS THE SUDH BRIDGES (SINGL NARROW AND ONE		26Ø8N	Ø88Ø1E	Ø553		30
25X1	SINGLE-TRACK,		2618N	Ø8811E	Ø553		42

25X1

25X1D

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GIRDER) CROSSES AN UNNAMED STREAM.

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•	City, Installation	City, Installation Coordinates WAC		Installation Numbers	
8			"AC	BE	NPIC
1	NAUKATTA AREA, ROAD AND RAIL BRIDGES 2 NM SSW OF NAUKATTA A 100 FT HIGHWAY BRIDGE (SINGLE-LANE, DECK-TYPE) CROSSES AN UNNAMED STREAM, ONE NM SE OF NAUKATTA, A 130 FT RAIL BRIDGE	2618N Ø8813E	Ø553		16
25X1D 25X1D	HALDIBARI AREA, RAIL BRIDGE EAST OF HALDIBARI.	2621N Ø88Ø9E	Ø553		36
25X1D	BHUGTIADANGI AREA, RAIL BRIDGE ONE NM ESE OF BHUGTIADANGI. A 310 FT RAIL BRIDGE (SINGLE-TRACK, THROUGH TRUSS) CROSSES THE DAUK RIVER.	2622N Ø8814E	Ø553		49
25X1D	SULTANGACHH AREA, ROAD BRIDGE .6 NM SOUTH OF SULTANGACHH. AN APPROXIMATELY 350 FT HIGHWAY BRIDGE (SINGLE-LANE, DECK-TYPE, PROBABLE REINFORCED CONCRETE) CROSSES THE DAUK RIVER. IMMEDIATELY WEST OF EXISTING BRIDGE, FOOTINGS FOR A NEW PARALLEL BRIDGE (APPROXIMATELY 350 FT AND 5-6 SPAN WHEN COMPLETE) OBSERVED.	2622N Ø8818E	Ø553	·	28
	11				

11

1	SECRET City, Installation Coordinates WAC		Coordinates		Coordinates		WAC .		, and the second		Installation BE	on Numbers NPIC	
	City, Installation				BE	NFIC							
5X1□	SILIGURI AREA, HIGHWAY A NEW HIGHWAY (SINGLE-LANE, ALL WEATHER, BITUMINOUS SURFACE) IN GOOD CONDITION BRANCHES FROM OLD KISHANGANJ - SILIGURI HIGHWAY AT SULTANGACHH (26-22N Ø88-19E). IT HEADS GEN- ERALLY NORTH FOR 23 NM WHERE IT JOINS THE BAGHDOGRA - SILIGURI HIGHWAY (26-41N Ø88-18E) JUST WEST OF BAGHDOGRA.	2622N	Ø8819E	Ø553		4 E							
5X1[ULTA AREA, ROAD BRIDGE .5 NM EAST OF ULTA. AN APPROXIMATELY 190 FT HIGHWAY BRIDGE (SINGLE-LANE, DECK-TYPE, PROBABLY REINFORCED) CONCRETE) CROSSES THE BERANG RIVER.	2622N	Ø8821E	Ø553		66							
5X1	MAULAN, RAIL BRIDGES NORTHERN EDGE OF MAULAN. A 700 FT RAIL BRIDGE (SINGLE-TRACK, 7 SPAN, STEEL TRUSS) AND A PARALLEL APPROXIMATELY 600 FT RAIL BRIDGE (SINGLE-TRACK, 8 SPAN, DECK- TYPE, STEEL GIRDER) CROSS THE MAHANANDA RIVER.	2623N	Ø88Ø9E	Ø553		24							
5X1	BIRNABARI, ROAD BRIDGE WEST EDGE OF BIRNABARI. AN APPROXIMATELY 170 FT. HIGHWAY BRIDGE (SINGLE-LANE, DECK-TYPE) CROSSES THE MAHANANDA RIVER. A PARALLEL BRIDGE TO THE SOUTH IS IN AN EARLY STAGE OF CONSTRUCTION (PROBABLY 5 SPANS, 600 FT WHEN COMPLETE).	2627N	Ø8814E	Ø553		43							

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City, Installation	Coordinates	WAC -	Installati	on Numbers
ony, mornion	Coordinates	"AC	BE	NPI
KACHUBARI AREA, ROAD BRIDGE ONE NM SSE OF KACHUBARI. A 165 FT ROAD BRIDGE (SINGLE-LANE, 9-10 SPAN DECK-TYPE) CROSSES THE MOTI RIVER.	2628N Ø8813E	Ø553		51
FATEHABAD, PROBABLE MILITARY INSTALLATION AT FATEHABAD, APPROXIMATELY 2 NM WEST OF PAKISTAN BORDER AND 10 NM EAST OF NEPAL BORDER. INSTALLATION CONTAINS 3 PROBABLE BARRACKS, 29 LARGE BILLETS, 8 MISCELLANEOUS BUILDINGS, AND 14 LARGE AND 15 SMALL TENTS. APPROXIMATELY 45 VEHICLES OBSERVED IN THE MOTOR POOL AREA. INSTALLATION ADJOINS A POSSIBLE INDUSTRIAL AREA CONTAINING 11 BUILDINGS, A LARGE REVETTED POL TANK, 2 SMALL TANKS, AND A POSSIBLE TRANSFORMER YARD. A SELF—SUPPORTING LATTICE TOWER, APPROXIMATELY 200 FT HIGH, HAS A ROUND OBJECT NEAR THE TOP RESEMBLING A MICROWAVE DISH ANTENNA. IMMEDIATELY NE OF THE INSTALLATION IS A N/S SOD LANDING STRIP, APPROXIMATELY 1,600 X 150 FT WITH A 500 FT SOD OVERRUN.	2628N Ø8817E	Ø553		40
FATEHABAD, RAIL BRIDGE NORTH EDGE OF FATEHABAD. AN APPROXIMATELY 800 FT RAIL BRIDGE (SINGLE-TRACK, 5 SPAN, THROUGH TRUSS, STEEL) CROSSES THE MAHANANDA RIVER.	2629N Ø8817E	Ø553		40-

25X1	Approved For Release 2003/09/02 : CIA-RDP78B04560A000700010043-4 TOP SECRET						
	City, Installation Coordinates WAC						
	BHANTAPARA AREA, ROAD BRIDGE	2629N Ø8836E	Ø553	BE.	NPIC 46		
25X1D	ONE NM WEST OF BHANTAPARA. AN ESTIMATED 100 FT HIGHWAY BRIDGE (SINGLE-LANE, DECK-TYPE) CROSSES THE TALMA RIVER.	2630N Ø884ØE	£ 553		9		
25X1D 25X1D	NO APPARENT CHANGE STREE MISSION	203MN 8004ME	נננש		,		
25X1E	OBLIQUITY PRECLUDES DETERMINATION OF RUNWAY MEASUREMENTS.						
25X1[DAKUGACHH, RR STORAGE AND TRANSFER YARD U/C AT DAKUGACHH. RAIL STORAGE AND TRANSFER YARD UNDER CONSTRUCTION. THREE DEAD-END SIDINGS APPEAR COMPLETE.	2631N Ø8818E	Ø553		39		
25X1D	GALGALIA STATION, RAIL BRIDGE 1.5 NM EAST OF GALGALIA STATION. AN APPROXIMATELY 250 FT RAIL BRIDGE (SINGLE— TRACK, 6 SPAN, DECK-TYPE, STEEL AND REINFORCED CONCRETE) CROSSES AN UNNAMED STREAM.	2632N Ø88Ø8E	Ø553		54		
25X1D	KOWALIGACHH AREA, ROAD BRIDGE 1.6 NM EAST OF KOWALIGACHH. AN ESTIMATED 150 FT HIGHWAY BRIDGE (DECK-TYPE, 6-7 SPAN, REINFORCED CONCRETE) CROSSES THE SAUN RIVER.	2633N Ø8829E	Ø553		64		

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	City, materialia		amares .	""	BE	NPIC	
25X1D	RAIGANJ, ROAD BRIDGE WEST EDGE OF RAIGANJ. AN ESTIMATED 200 FT HIGHWAY BRIDGE (SINGLE- LANE, DECK-TYPE, REINFORCED CONCRETE) CROSSES THE KARATOYA RIVER.	2633N	Ø8831E	Ø553		29	
25X1	UJURPARA, ROAD BRIDGE WEST EDGE OF UJURPARA. D AN ESTIMATED 125 FT. HIGHWAY BRIDGE (SINGLE-LANE, DECK-TYPE, PROBABLY REINFORCED CONCRETE) CROSSES THE CHAUI RIVER.	2633N	Ø8833E	Ø553		32	
25X1	JHAPRABHITA, ROAD BRIDGE ONE NM WEST OF JHAPRABHITA. D AN ESTIMATED 125 FT HIGHWAY BRIDGE (SINGLE-LANE, DECK-TYPE, PROBABLE REINFORCED CONCRETE) CROSSES THE TALMA RIVER.	2633N	Ø8835E	Ø553		35	
	KAWAIBARI, ROAD BRIDGE ID EAST EDGE OF KAWAIBARI. AN ESTIMATED 100 FT HIGHWAY BRIDGE (SINGLE-LANE, DECK-TYPE, PROBABLE REINFORCED CONCRETE) CROSSES THE TALMA RIVER.	2634N	Ø8834E	Ø553		34	
25X1	DHUPGARI AREA, HIGHWAY BRIDGE 4 NM WSW OF DHUPGARI, 12 NM ENE OF JALPAIGURI. AN APPROXIMATELY 1500 FT HIGHWAY BRIDGE (11 SPAN, PROBABLE THROUGH-TRUSS) CROSSES THE D JALDHAKA RIVER.	2634N	Ø8856E	Ø553		21	

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ET		T 1	Installati	on Numbers
City, Installation	Coordinates	WAC	BE	NPIC
ABHANDAR. Mated 700 ft Highway Bridge (Probab	LE	Ø553		41
A RIVER.		Ø553		48-A
IGANJ。 Mately 2,500 ft n/s graded earth Strip appears serviceable。				
: BALAIGANJ. Mated 150 ft road bridge (Single-Sp		Ø553		48
OGE OF JOGIBHITA. IMATED 200 FT ROAD BRIDGE (6 SPAN.		Ø553		26
OF SAIBHITA. Roximately 120 ft rail bridge (Singl 3 Span, Steel, Truss) Crosses a		Ø553		50
	City, Installation DAR, ROAD BRIDGE ABHANDAR. MATED 700 FT HIGHWAY BRIDGE (PROBABLANC, 11 SPAN, DECK-TYPE) CROSSES TO A RIVER. LANDING STRIP AIGANJ. MATELY 2,500 FT N/S GRADED EARTH STRIP APPEARS SERVICEABLE. T NONE OBSERVED. D. ROAD BRIDGE BALAIGANJ. MATED 150 FT ROAD BRIDGE (SINGLE-SPECIAL CROSSES THE KARATOYA RIVER. A. ROAD BRIDGE DIGIBHITA. MATED 200 FT ROAD BRIDGE (6 SPAN, THROUGH TRUSS) CROSSES THE SAUN RIVER. RAIL BRIDGE DE SAIBHITA.	City, Installation Coordinates DAR o ROAD BRIDGE ABHANDAR o MATED 700 FT HIGHWAY BRIDGE (PROBABLE LANE o 11 SPAN DECK-TYPE) CROSSES THE LANGUAGE STRIP ARIVER o 11 SPAN DECK-TYPE) CROSSES THE LANDING STRIP LIGANJ o MATELY 20500 FT N/S GRADED EARTH STRIP APPEARS SERVICEABLE o 11 STRIP APPEARS SERVICEABLE o 12 STRIP APPEARS SERVICEABLE o 13 FT ROAD BRIDGE (SINGLE-SPAN SIRDER) CROSSES THE KARATOYA RIVER o 14 STRIP APPEARS SERVICEABLE o 15 STRIP APPEARS O 15 STRIP APPEARS O 15 STRIP APPEARS O 1	Coordinates WAC DAR, ROAD BRIDGE ABHANDAR. MATED 700 FT. HIGHWAY BRIDGE (PROBABLE LANE, 11 SPAN, DECK-TYPE) CROSSES THE A RIVER. I LANDING STRIP IGANJ. MATELY 2,500 FT N/S GRADED EARTH STRIP APPEARS SERVICEABLE. TI NONE OBSERVED. I. ROAD BRIDGE BALAIGANJ. MATED 150 FT ROAD BRIDGE (SINGLE-SPAN, SIRDER) CROSSES THE KARATOYA RIVER. I. ROAD BRIDGE COMMATED 200 FT ROAD BRIDGE (6 SPAN, THROUGH TRUSS) CROSSES THE SAUN RIVER. J. ROAD BRIDGE COMMATED 200 FT ROAD BRIDGE (6 SPAN, THROUGH TRUSS) CROSSES THE SAUN RIVER. J. RAIL BRIDGE COMMATED 200 FT ROAD BRIDGE (6 SPAN, THROUGH TRUSS) CROSSES THE SAUN RIVER. J. RAIL BRIDGE COMMATELY 120 FT RAIL BRIDGE (SINGLE- 3 SPAN, STEEL, TRUSS) CROSSES A	City, Instellation Coordinates WAC Installation DAR ROAD BRIDGE ABHANDAR BATTER MATED 700 FT HIGHWAY BRIDGE (PROBABLE LANE, 11 SPAN, DECK-TYPE) CROSSES THE A RIVER BATTER LANDING STRIP IGAN BATTER SERVICEABLE BATTH STRIP APPEARS SERVICEABLE BATTH ST

Г	TOP SECRET					C/R-57/
.	City, Installation		rdinates	WAC -	Installati BE	on Numbers NPIC
25X1D	BALARAM, RAIL BRIDGE SE OF BALARAM. AN ESTIMATED 150 FT RAIL BRIDGE (3-SPAN, SINGLE-TRACK, STEEL, DECK-TYPE, GIRDER) CROSSES THE KARATOYA RIVER.	2639N	Ø883ØE	Ø553		47
5X1D	BHATAN, ROAD BRIDGE AT BHATAN. AN APPROXIMATELY 100 FT ROAD BRIDGE (DECK- TYPE, PROBABLE REINFORCED CONCRETE) CROSSES THE LACHKA RIVER.	264ØN	Ø8822E	Ø553		45
l	PORAJHAR, RAIL BRIDGE WEST OF PORAJHAR. O AN APPROXIMATELY 125 FT RAIL BRIDGE (3 SPAN, SINGLE TRACK, STEEL TRUSS) CROSSES THE LACHKA RIVER.	264ØN	Ø8823E	0553		23
5X1D	HATHIGHISA STATION, ROAD AND RAIL BRIDGES ON WEST EDGE OF STATION AN APPROXIMATELY 60 FT HIGHWAY BRIDGE (SINGLE-LANE, DECK-TYPE, SINGLE-SPAN, PROBABLE STEEL AND CONCRETE) AND AN APPROXIMATELY 110 FT RAIL BRIDGE (SINGLE- TRACK, NARROW GAUGE, DECK-TYPE, 2 SPAN, CONCRETE AND STEEL) CROSS A TRIBUTARY OF THE CHENGRA RIVER. ON EAST EDGE OF STATION AN APPROXIMATELY 110 FT ROAD BRIDGE (SINGLE-LANE, 3 SPAN, DECK-TYPE CONCRETE AND STEEL) AND A PARALLEL APPROXIMATELY 120 FT RAIL BRIDGE (NARROW- GAUGE, SINGLE-TRACK, DECK-TYPE, CONCRETE AND STEEL) CROSS THE MANJHA RIVER.		Ø8814E	0553		74

25X1	TOP SECRET			25X1A		C/R-57/63
		City, Installation	Coordinates	WAC		on Numbers
		City, institution			BE	NPIC
	BAGHDOGRA AI ONE NM SOU APPROXIMAT SERVICEABL	TH OF BAGHDOGRA. ELY 6,000 FT N/S BLACK TOP RUNWAY,	2641N Ø882ØE	Ø553		1.0
25X1	AIRCRAFT AIRCRAFT APPROXIMAT PROBABLE A	ONE C123, 4 F80, AND ONE LIAISON ELY 215 TENTS, 60 BUILDINGS, 19 RTILLERY PIECES, AND APPROXIMATELY S IN SURROUNDING AREA.				
25X1I	ON SE EDGE (SINGLE LA CONCRETE) (SINGLE TR AND STEEL) ON SOUTH E (SINGLE LA CONCRETE) (DECK-TYPE SOUTH CROSS THE ROAD BE	OAD AND RAIL BRIDGES OF DALI A 165 FT ROAD BRIDGE INE, DECK-TYPE, 3 SPAN, REINFORCED AND A PARALLEL 170 FT RAIL BRIDGE IACK, 4 SPAN, NARROW GAUGE, CONCRETE CROSS AN UNNAMED STREAM, DGE OF DALI A 110 FT ROAD BRIDGE INE, DECK-TYPE, 2 SPAN, REINFORCED AND A 70 FT BYPASS ROAD BRIDGE PROBABLY TIMBER) IMMEDIATELY STHE HARLIA RIVER, PARALLEL TO BRIDGES IS A 130 FT RAIL BRIDGE RACK, DECK-TYPE, 3 SPAN, CONCRETE	2642N Ø8819E	Ø553		14
23/11	GOSAINPUR F	ROAD BRIDGE	2642N Ø8821E	Ø553		38
25X1[AN APPROXI	MATELY 200 FT ROAD BRIDGE (DECK- BABLE REINFORCED CONCRETE) CROSSES				ļ

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TOP SECRET Approved For Release 2003/09/02 : CIA-RDP78B04560A000700010043-4

	TOP SECRET	Approved For Release 2003/09/02 : CIA-	KDF10B04300A	00070001	0043-4	NPIC	C/R - 57/6
		City, Installation	Coording	ates	WAC		on Numbers
	INCLUDES T IS A NEW (IS PRIMARILY A RAIL CENTER. IT THREE LARGE RAIL YARDS, ONE OF WHICH CLASSIFICATION YARD. INDUSTRY IS	2642N Ø	18825E	Ø553	BE	A-C
5X1E	LOCATED 5	P					-
X1 C	SILIGURI TO NEW SINGLE SILIGURI AS FROM THERE SOUTH, A DUBLE THE LINE CONTI	MEDPUR STATION, NEW RAIL LINE TO KUMEDPUR STATION. E-TRACK RAIL LINE EXTENDS SW FROM APPROXIMATELY 35 NM TO ISLAMPUR. E IT PARALLELS EXISTING RAIL LINE DISTANCE OF 50 NM, TO BARSOI STATION, EXISTING LINE HEADS WEST. THE NEW INUES SOUTH APPROXIMATELY 12 NM AND KATIHAR-ENGLISH BAZAR RAIL LINE 26 KATIHAR AT KUMEDPUR STATION.	2642N Ø	8825E	Ø553		4-F
	ON WEST ED 450 FT RAI STEEL) AND FT ROAD BR DECK-TYPE) ON EAST ED 185 FT RAI STEEL GIRD 230 X 30 F	AD AND RAIL BRIDGES GE OF MATIGARA AN APPROXIMATELY L BRIDGE (7 SPAN, SINGLE-TRACK, A PARALLEL APPROXIMATELY 575 X 30 IDGE (14 SPAN, REINFORCED CONCRETE, CROSS THE BALASAN RIVER. GE OF MATIGARA AN APPROXIMATELY L BRIDGE (6 SPAN, SINGLE-TRACK, ER) AND A PARALLEL APPROXIMATELY T ROAD BRIDGE (REINFORCED CONCRETE, CROSS A TRIBUTANT OF THE	2643N Ø	8823E	Ø553		62
5X10	DECK-TYPE) RIVER.	CROSS A TRIBUTARY OF THE MAHANANDA					

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				C	ordinates	WAC	Installation	Numbers
			City, Installation		orainares	""	BE	NPIC
5X1D	FOUR RAIL I OBSERVED IN RAIL BRIDGE (SINGLE-TRAIL THE MAHANAI 26-40N Ø88- TRACK 3 SI TRIBUTARY 1 26-40N Ø88- NARROW GAUG REINFORCED RIVER ON WE BRIDGE (SI CROSSING TI HIGHWAY BR LANE REIN MAHANANDA BRIDGE (2-	BRIDGES N SILIGI ES INCLI ACK, 5 S NDA RIVE -24E. A PAN, THI DF THE S -28E. A GE, 3 SI EST EDGI NGLE-TR HE MAHAI IDGES II FORCED II LANE, DI CROSSIN	AND RAIL BRIDGES AND TWO HIGHWAY BRIDGES JRI AREA. JDE AN 800 FT STEEL BRIDGE SPAN, THROUGH-TRUSS) CROSSING ER ONE NM SW OF SILIGURI AT 175 FT STEEL BRIDGE (SINGLE- ROUGH-TRUSS) CROSSING A SAUN RIVER SE OF SILIGURI AT 135 FT BRIDGE (SINGLE-TRACK) PAN, DECK-TYPE, STEEL AND TE) CROSSING THE RANGTONG E OF SILIGURI. A 500 FT STEEL ACK, 3 SPAN THROUGH-TRUSS) NANDA RIVER IN SILIGURI. NCLUDE AN 800 FT BRIDGE (2- CONCRETE) CROSSING THE N SILIGURI AND A NEW 170 FT ECK-TYPE, REINFORCED G THE RANGTONG RIVER ON WEST		Ø8824E	Ø553		4-D
	(PROBABLE	URI。 MATELY 2-lane	IDGE 165 FT HIGHWAY BRIDGE 2 SPAN, DECK-TYPE, REINFORCE THE RANGTONG RIVER.		ï8824E	Ø553		25
SI	NORTH EDGE BORDER. APPROXIMAT	OF SIL	MILITARY CAMP IGURI AND NEAR PAKISTAN MEDIUM AND SMALL TENTS AND VEHICLES ARE SCATTERED IN	2645N	Ø8826E	Ø553		4-B

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	City, Installation	Coordinates	WAC	Installati	on Numbers
		Coordinates	""	BE	NPIC
25X1	AREA OF APPROXIMATELY 4 SQ NM. LARGE HOSPITAL, WITH A HELICOPTER PARKED IN FRONT, IS LOCATED AT NORTHERN END OF AREA. FENCED RADIO STATION WITH SINGLE STICK ANTENNA, ONE LARGE BUILDING, AND 2 SMALL BUILDINGS: IS LOCATED SOUTH OF HOSPITAL. CONSTRUCTION OF ROADS, RAILS, BRIDGES, AND A CLASSIFICATION YARD OBSERVED. CAMP COULD BE CONSTRUCTION WORKERS QUARTERS.				
5X1D	KUMLABARI AREA, ROAD BRIDGE ONE NM NW OF KUMLABARI. AN APPROXIMATELY 350 FT HIGHWAY BRIDGE (SINGLE-LANE, 15 SPAN, DECK-TYPE, STEEL AND REINFORCED CONCRETE) CROSSES THE ROHINI RIVER.	.2647N Ø8819E	Ø553		53
5X1D	KHAIRANI, RAIL BRIDGE AT SE EDGE OF KHAIRANI. A 300 FT RAIL BRIDGE (SINGLE-TRACK, NARROW GAUGE, THROUGH-TRUSS, STEEL) CROSSES A TRIBUTARY OF THE MAHANANDA RIVER.	2647N Ø8824E	Ø553		52
5X1L	SILIGURI AREA, LANDING STRIP	265ØN Ø8834E	Ø553		4-A
	GURJONGJHORA AREA, ROAD UNDER CONSTRUCTION TWO-LANE ROAD UNDER CONSTRUCTION FROM 2 NM WEST OF BAGRAKOT STATION TO THE MUKADDAM RIVER (26-52N Ø88-33E TO 26-53N Ø88-53E). ALTHOUGH SEVERAL BRIDGES ARE UNDER CONSTRUCTION, MOST	2652N Ø8833E	Ø553		56

25X1

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				Installation	Numbers
	City, Installation	Coordinates	WAC	BE	NPIC
5X1D	OF THE ROAD IS SERVICEABLE. NAGRAKATA AREA, ROAD BRIDGE 1.6 NM SSW OF NAGRAKATA. TWO-LANE 8 SPAN DECK-TYPE ROAD BRIDGE OF UNDETERMINED LENGTH CROSSES THE MUKADDAM RIVER. OBLIQUITY PRECLUDES DETERMINATION OF SERVICEABILITY.	2652N Ø8853E	Ø553		2Ø
25X1D	SAMARDANGA TO DAINA RIVER, HWY AND RR BRIDGES BETWEEN 26-53N 88-28E AND 26-51N 89-00E THERE ARE 14 SINGLE-TRACK RAILROAD BRIDGES AND 10 TWO-LANE HIGHWAY BRIDGES, INCLUDING 5 HIGHWAY BRIDGES UNDER CONSTRUCTION. THESE BRIDGES RANGE IN LENGTH FROM 100 TO 1300 FT. NEAR SIVOK STATION A 1,300 FT RAILROAD BRIDGE	2653N Ø8828E	Ø553		12
25X1[RANICHERA AREA, AIRFIELD 2.5 NM NNE OF RANICHERA. APPROXIMATELY 1950 FT NW/SE SOD RUNWAY APPEARS SERVICEABLE.	2655N Ø8842E	Ø553		11
25X1[CHAISA MAHABARI AREA, ROAD BRIDGE 2.7 NM SSE OF CHAISA MAHABARI. A SERVICEABLE 2-LANE HIGHWAY BRIDGE OF UNDETERMINED LENGTH CROSSES THE MURTI RIVER.	2655N Ø8849E	Ø553		55
	22				TOP SECRE

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City, Installation	Coordinates	WAC	Installation Nur	
	Coordinates	"AC	BE	NPIC
DARJEELING AREA, ROAD BRIDGES 9 NM ESE OF DARJEELING. A 200 FT 3 SPAN HIGHWAY BRIDGE LOCATED AT 26-58N 088-25E AND A 250 FT 4 SPAN HIGHWAY BRIDGE AT 26-59N 088-25E OBSERVED.	2658N Ø8825E	Ø553		6-
MANGWA, ROAD BRIDGE AT MANGWA, 4 NM WEST OF KALIMPONG. FOUR SPAN 170 FT ROAD BRIDGE OVER THE TISTA RIVER.	2704N Ø8825E	Ø553		22
MANGRENG, ROAD BRIDGE AT MANGRENG, 6.5 NM NNE OF KALIMPONG. A 300 FT ROAD BRIDGE (SINGLE-LANE, 3 SPAN, THROUGH TRUSS) CROSSES THE RANGPO RIVER ON THE KALIMPONG TO GANGTOK ROAD.	271@N Ø8832E	Ø553		13-
MANGRENG, MILITARY COMPLEX .7 NM WNW OF MANGRENG, 16 NM NE OF DARJEELING, 41 NM NNW OF JALPAIGURI. FIRST MILITARY INSTALLATION (AREA A) INCLUDES 30 PERMANENT HIP-ROOFED BARRACKS-TYPE BUILDINGS (15 TWO-STORY WITH 4 DORMERS), ONE LARGE TWO-STORY ADMINISTRATIVE BUILDING, 7 RESIDENCE BUILDINGS, NUMEROUS TEMPORARY BUILDINGS, AND NUMEROUS VEHICLES. A CONCENTRATION OF APPROXIMATELY 90 VEHICLES .7 NM SE OF INSTALLATION OBSERVED. 3 NM NW OF AREA A. A SECOND MILITARY INSTALLATION INCLUDES 13 LARGE ONE-AND-ONE-HALF STORY BARRACKS-TYPE BUILDINGS WITH GABLE ROOFS, ONE LARGE SQUARE HIP-ROOFED ADMINISTRATIVE-TYPE BUILDING, AND NUMEROUS	2711N Ø8832E	Ø553		13

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TOP SECRET

1 7	OP SECRET		_			C/R-57/			
i i		City, Installation	Coo	Coordinates		oordinates WAC		Installation BE	n Numbers NPIC
X1D	INSTALLATION INC BARRACKS-TYPE BU	5 NM NW OF AREA A. A THIRD LUDES 7 GABLE-ROOFED ILLDINGS, NUMEROUS SMALL INTS, AND 10 VEHICLES. ALL 3 RE ROAD-SERVED.							
(1D K		TORO ELECTRIC POWER PLANT	2715N	Ø8832E	Ø553		5		
5X1D	AN EXTENSIVE MIL AREA OF APPROXIMINSTALLATIONS CO MOTOR POOLS, TEM	NNE OF KALIMPONG. ITARY COMPLEX OCCUPYING AN MATELY 4 SQ MI INCLUDES SEVERAL ONTAINING BARRACKS AREAS IT AREAS, ADMINISTRATIVE AREAS, AREA WITH TRENCHES AND FIELD	272ØN	Ø8837E	Ø553		65		
5X1D	EAST OF DIKCHU. APPROXIMATELY 2	BRIDGE IKCHU ROAD, APPROXIMATELY 4 NM 25 FT ROAD BRIDGE (3 SPAN, 2- N-TYPE) CROSSES THE DIK RIVER.	2724N	Ø8835E	Ø553 		73		

TOP SECRET

City, Installation	Coordinates	WAC		on Numbers
	Cooldinates	""	BE	NPIC
-PAKISTAN- BISHNUPUR, RAIL BRIDGE ONE NM ENE OF BISHNUPUR. AN ESTIMATED 150 FT RAIL BRIDGE (PROBABLE STEEL, PROBABLE DECK-TYPE, SINGLE-TRACK) CROSSES THE TANGAN RIVER.	2549N Ø8823E	Ø553		81
PACHAGARH, ROAD BRIDGE AT PACHAGARH. AN APPROXIMATELY 1,000 FT ROAD BRIDGE (PROBABLE 20 SPAN, REINFORCED CONCRETE, DECK- TYPE) CROSSES THE KARATOYA RIVER.	262ØN Ø8833E	Ø553		70
BHALNAGANJ, ROAD BRIDGE 5 NM WEST OF BHALNAGANJ. AN ESTIMATED 100 FT HIGHWAY BRIDGE (SINGLE-LANE, DECK-TYPE, PROBABLE REINFORCED CONCRETE) CROSSES THE CHAUI RIVER.	2627N Ø8833E	0553		68
KANCHABARI AREA, ROAD BRIDGE EAST OF KANCHABARI. AN APPROXIMATELY 200 FT ROAD BRIDGE (2 SPAN, REINFORCED CONCRETE, DECK-TYPE) CROSSES THE DAUK RIVER.	2628N Ø8827E	Ø553		69
MANDALAPARA AREA, ROAD BRIDGE SE OF MANDALAPARA. AN APPROXIMATELY 600 FT ROAD BRIDGE (PROBABLE 10-SPAN, DECK-TYPE, REINFORCED CONCRETE) CROSSES THE KARATOYA RIVER.	2628N Ø8829E	Ø553		67

25

TOP SECRET

25X1

TOP SECRET

Installation Numbers Coordinates WAC City, Installation ΒE -TIBET-322ØN Ø9137E 8434 6-A AN-TU-MAI-MA (AN-TO), BARRACKS AREAS AT AN-TU-MAI-MA, 18 NM NE OF AMDO TSONAG TSHO (LAKE) AT 32-20N 091-37E. INCLUDES 2 WALLED AREAS, ONE CONTAINING 26 QUONSET HUTS, 4 BARRACKS-TYPE BUILDINGS, 2 SMALLER BUILDINGS, POL DRUMS IN STORAGE, AND 9 VEHICLES. SECOND AREA INCLUDES 3 BARRACKS. ONE LARGE STORAGE-TYPE BUILDING, 6 SMALL BUILDINGS, AND 2 BUILDINGS UNDER CONSTRUCTION. A THIRD AREA IN TWO SECTIONS IS LOCATED 3 NM SW OF AN-TU-MAI-MA AT 32-17N Ø91-36E. THE NORTHERN SECTION CONTAINS ONE H-SHAPED BUILDING, 4 BARRACKS, 2 STORAGE BUILDINGS, AND SEVERAL SMALL BUILDINGS. THE SOUTHERN SECTION CONTAINS 13 BARRACKS OR STORAGE-TYPE 25X1D BUILDINGS, 18 TENTS AND NOMAD SHELTERS, AND 4 TRUCKS. 0434 6 3257N Ø9137E AN-TU-MAI-MA, COAL MINING AREA APPROXIMATELY 35 NM NORTH OF AN-TU-MAI-MA. A SMALL STRIP COAL MINE IS LOCATED WEST OF AN-TU-MAI-MA TO PU-HA-MANG-KA-NAI ROAD AND IS CONNECTED TO IT BY A NATURAL SURFACE 2-LANE GRADED ROAD. WITHIN THE AREA ARE 10 BARRACKS. ONE ADMINISTRATIVE BUILDING, 3 STORAGE BUILDINGS, SEVERAL SMALL BUILDINGS, OPEN 25X1D STORAGE, AND APPROXIMATELY 45 TENTS.

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TOP SECRET

	City, Installation	Co	ordinates	WAC	Installati BE	on Nu
A NEW 2-LANE MINE AT 32-5 NAGCHHU DZON 32-49N Ø91-5 TO 27Ø FT IN 2-LANE DECK-	U (RIVER) AREA, NEW ROAD NATURAL SURFACE GRADED ROAD FRO 7N Ø91-37E TO JUNCTION WITH G TO WEN-CHUAN (CHINA) ROAD AT 2E. THREE BRIDGES RANGING FROM 1 LENGTH OBSERVED A 5 SPAN TYPE BRIDGE AT 33-55N Ø91-35E TYPE BRIDGE AT 32-49N ND A 2-LANE DECK-TYPE BRIDGE AT 3E.	20	Ø9137E	Ø434 .		
AN UNOCCUPIE WAS OBSERVED THE BRAHMAPU ONE NM EAST	F CHOKORYANGTSE. D TRENCH SYSTEM WITH FIRING BAYS ON HILL OVERLOOKING ROAD AND	2917N	Ø9Ø35E	Ø437		
BRIDGE OVER JOINS A ROAD THE RIVER. A ROAD ENDS AT	ROAD BRIDGE TELY 300 FT, DECK-TYPE ROAD THE BRAHMAPUTRA RIVER ON A SAND BAR IN THE MIDDLE OF PPROXIMATELY 1,000 FT SOUTH THE A MOTORIZED FERRY LANDING. TENTS OBSERVED 400 FT FROM END OF	2920N	Ø9Ø41E	Ø437		
LHASA AREA, RO APPROXIMATEL	AD BRIDGE WEST Y 12 NM WSW OF LHASA.	293.7N	Ø91Ø8E	Ø43.7		

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TOP SECRET

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25X1	TOP SECRET				/R-57/63
	City, Installation	Coordinates	WAC	Installatio BE	n Numbers NPIC
25X1D	LHASA ARMY BARRACKS SE PEITING 25X1D NO APPARENT CHANGE SINCE MISSION	2937N Ø9115E	0437	25X1A	2 - \$
25X1D	LHASA, MILITARY AREA 3 NM WEST OF CENTER OF LHASA. TEN PROBABLE QUONSET-TYPE BUILDINGS OBSERVED.	2938N Ø91Ø3E	Ø437		2-A4
25X1D	LHASA AREA, MILITARY INSTALLATION 3 NM WEST OF LHASA. APPROXIMATELY 25 BARRACKS-TYPE BUILDINGS OBSERVED.	2938N Ø91Ø3E	Ø437		2-71
25X1D	LHASA, MILITARY STORAGE 1.5 NM WEST OF CENTER OF LHASA. AREA INCLUDES APPROXIMATELY 12 STORAGE BUILDINGS AND 3 SUPPORT-TYPE BUILDINGS (TWO) CONNECTED BY TWO WINGS, FORMING A SQUARE WITH OPEN COURTYARD IN CENTER.)	2938N Ø91Ø4E	Ø437	25X1A	2-A3
25X1D	LHASA ARMY BARRACKS SOUTH THIP NO UNUSUAL ACTIVITY NOTED. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.	2938N Ø91Ø6E	Ø437		2 - T
25X1D	LHASA AREA, ROAD BRIDGE EAST 25X1D NO APPARENT CHANGE SINCE MISSION	2938N Ø911ØE	Ø437		2 - K
	28		Т	OP SECRE	T T

939N 939N	Ø91Ø5E	Ø437	25X1A	2
939N	Ø91Ø5E			
		Ø437	25X1A	2-
)39N	6016.	:	25X1A	
	Ø9106E	Ø437		2
139N	Ø9106E	0437	25X1A	2-
39N	Ø91Ø6E	Ø437		2-
	939N 939N		939N Ø91Ø6E Ø437	25X1A

25X1

25X1	Approved For Release 2003/09/02 : CIA-RD	P78B04560A00070001	0043-4	NPIC/	R-57/63
	City, Installation	Coordinates	WAC	Installation I BE	Numbers NPIC
25X1D	LHASA ARMY BKS CENTRAL S MARKAR SABA IDENTIFICATION ONLY.	2939N Ø91Ø7E	Ø437	25X1A	2-0
25X1[LHASA AREA, MOTOR POOL 2 NM NE OF CENTER OF LHASA. IDENTIFICATION ONLY.	2939N Ø9107E	9437		2-Z
25X1D	LHASA AREA, HF BROADCAST SITE 7.5 NM ESE OF LHASA. IDENTIFICATION ONLY.	2939N Ø9115E	Ø437		2-Y
25X1[LHASA AREA, MILITARY CAMP 2.5 NM NNE OF LHASA. IDENTIFICATION ONLY.	294ØN Ø91Ø7E	Ø437		2-01
25X1I	LHASA, POSSIBLE MILITARY HEADQUARTERS 2 NM NORTH OF LHASA. D IDENTIFICATION ONLY.	2941N Ø91Ø6E	Ø437		2-0
25X1I	ZAMSAR AREA, ROAD BRIDGE WEST 14 NM SW OF ZAMSAR. AN APPROXIMATELY 110 FT ROAD BRIDGE (DECK- TYPE, SINGLE-LANE) OBSERVED.	3000N 09018E	0437		26-В
25X1[ZAMSAR AREA, MILITARY CAMP SE OF ZAMSAR ON LHASA ROAD. TWENTY-FIVE TENTS AND 3 COAL PILES OBSERVED. NO SECURITY APPARENT.	3000N 09042E	0437		26-A
i	30		To	OP SECRET	.

ZAMSAR AREA, REST AND REFUEL POINT 3008N Ø9Ø33E 0437 26 ON LHASA TO NAGCHHU DZONG ROAD. SECTION ON SW SIDE OF ROAD INCLUDES 13 QUONSET HUTS, ONE WATER STANDPIPE, FOUR BARRACKS OR WAREHOUSES, 18 SMALLER BUILDINGS, AND 8 TENTS. AN OPEN STORAGE YARD CONTAINS A PROBABLE MOBILE CRANE, OTHER EQUIPMENT, AND THREE COAL PILES. VEHICLES -- 24 TRUCKS PARKED IN FRONT OF SW SECTION. SECTION ON NE SIDE OF ROAD CONTAINS 9 BARRACKS OR WAREHOUSES, ONE I-SHAPED ADMINISTRATION BUILDING, AND 10 SMALLER BUILDINGS. A COAL PILE IS INSIDE THE PARTIALLY WALLED COMPOUND. AN OPEN STORAGE AREA CONTAINS PROBABLE POL IN 50 GALLON DRUMS. AREA IS POSSIBLY SECURED BY A WIRE FENCE. VEHICLES -- 11 TRUCKS PARKED IN FRONT OF NE SECTION. GORENG, ROAD BRIDGE OVER LHA CHHU 3020N 09047E 25X1D Ø437 11-B 16 NM NE OF GORENG. A 200 FT DECK-TYPE BRIDGE OBSERVED. KHYUNGLUNG AREA, ROAD BRIDGE OVER LHA CHHU 3Ø28N

25X1D

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TOP SECRET

25X1D

City, Installation

NO APPARENT CHANGE SINCE MISSION

TOP SECRET

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NPIC/R-57/63 Installation Numbers

WAC

Coordinates

Ø91Ø8E

Ø437

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ŀ	City, Installation	Coordinates	WAC	Installation Numbers
1			"AC	BE NPIC
5X1D	LHASA AIRFIELD THE SOUTH RUNWAY IS OPERATIONAL. NO CONSTRUCTION ACTIVITY WAS NOTED AT THE RUNWAY PREVIOUSLY REPORTED WAS NOTED.	3030N 09105	E 0437	1
	PREVIOUSLY REPORTED UNDER CONSTRUCTION.			
5X1D		25X1D		
5X1D	KHYUNGLUNG AREA, ROAD BRIDGE, MIGGI TSANGPO NO APPARENT CHANGE SINCE MISSION	3041N Ø91326	E 0437	29 - A.
5X1D	SHANGSHUNG: PASS. WAY AND MAINTENANCE STATION ON NAGCHHU DZONG TO LHASA ROAD, 33 NM NE OF LHASA AIRFIELD AND 42 NM SW OF NAGCHHU DZONG. WALLED AREA ALONG ROAD CONTAINS 10 QUONSET HUTS AND 3 BARRACKS. THREE TRUCKS ARE PARKED ALONGSIDE ENTRANCE.	3051N 09137E	E 0437 \	65
X1D _N	NAGCHHU DZONG AREA, ROAD BRIDGE SW 25X1D NO APPARENT CHANGE SINCE MISSION	3125N Ø9154E	Ø437	36-D
5X1D [AGCHHU DZONG AREA, ROAD BRIDGE W 25X1D NO APPARENT CHANGE SINCE MISSION	3128N Ø9158E	Ø437	: 36−€
5X1D N	ADCTITUD DZUNG, MILITARY AREA ONE SECURED AREA HAS 16 BARRACKS-TYPE BUILDINGS AND 13 MISCELLANEOUS BUILDINGS. THREE SECURED STORAGE AREAS CONTAIN APPROXIMATELY 25 STORAGE-TYPE BUILDINGS. TEN MISCELLANEOUS BUILDINGS, 31 QUONSET-TYPE	3128N Ø9159E	8437	36

City, Installation	Coordinates	WAC		on Numbers
	 		BE	NPIC
BUILDINGS. AND EXTENSIVE OPEN STORAGE ARE IN GENERAL AREA.			25X1A	
NAGCHHU DZONG AIRFIELD 13 NM WNW OF NAGCHHU DZONG. DRAINAGE DITCH CONSTRUCTION AND REPAIR WORK IN PROGRESS AT ENE END OF THE RUNWAY. RUNWAY HAS A T-SHAPED MARKER AND ENE END OF RUNWAY IS MARKED, POSSIBLY BY SMUDGE POTS. CENTER OF RUNWAY IS CUT BY STREAM WASH AND IS UNSERVICEABLE. A WALLED COMMUNICATIONS CENTER, INCLUDING 2 BARRACKS, 2 STORAGE—TYPE BUILDINGS, 6 TALL AND 3 SHORT RADIO MASTS, OBSERVED ON SOUTH SIDE OF RUNWAY. AIRCRAFT — NO AIRCRAFT OR VEHICLES OBSERVED.	3132N Ø9145E	£437		36-E
NAGCHHU DZONG AREA, REST AND REFUEL POINT 38 NM NW OF NAGCHHU DZONG (HEI-HO) AND APPROXIMATELY 21 NM SE OF CENTER OF AMDO TSONAG TSHO (LAKE). ON WEST SIDE OF ROAD ARE 13 GABLE-ROOFED BUILDINGS OR POSSIBLE TENTS AND 2 SMALL WALLED AREAS, ONE CONTAINING OPEN STORAGE, THE OTHER A SMALL BUILDING. VEHICLES 22 VEHICLES NOTED.	3151N Ø9136E	Ø437		36-F
TRANGSCISE ARMY BARRACKS IDENTIFICATION ONLY.	2839N Ø873ØE	Ø438	25X1A	: 3

5X1	Approved For Release 2003/09/02 : CIA-RDP78B04560A000700010043-4				
	City, Installation	Coordinates	WAC		on Numbers
25X1D	TRANGSOTSE COMPLEX IDENTIFICATION ONLY.	2839N Ø873Ø	E Ø438	25X1A	3-A
	KAMPA DZONG AREA, STRONGPOINT 21 NM SE OF KAMPA DZONG. STRONGPOINT INCLUDES TRENCH SYSTEM WITH APPROXIMATELY 25 FIRING BAYS FACING SSW TOWARDS INDIAN BORDER, 3 PROBABLE AUTOMATIC	28@7N Ø8853	E Ø438		9-B
25X1D	WEAPONS: POSITIONS, 3 POSSIBLE AUTOMATIC WEAPONS: POSITIONS, AND A WALLED COMPOUND CONTAINING ONE POSSIBLE HUT. THE ENTIRE AREA IS SECURED BY A FENCE AND SERVED BY A SINGLE-LANE, NATURAL SURFACE ROAD FROM THE EAST.				
25X1D	TRAKSING GOMPA, FORTIFIED AREA 14 NM ESE OF KAMPA DZONG. WALLED CITY OF TRAKSING GOMPA WITH 3 GUARD TOWERS. EXTENSIVE TRENCH SYSTEM WITH MANY FIRING BAYS AND TWO PILLBOXES ENCLOSED BY A FENCE ON OUTSKIRTS OF TOWN. OPEN STORAGE NORTH OF TRENCHES AND OUTSIDE THE SECURED AREA. AREA SERVED BY SINGLE-LANE, NATURAL SURFACE ROADS FROM EAST, NORTH, AND SOUTH. VEHICLES ONE TRUCK OBSERVED.	2813N Ø8847	E Ø438		17
	KAMPA DZONG, MILITARY ACTIVITY AT KAMPA DZONG. AREA CONTAINS ONE LARGE BUILDING WITH THREE COURT YARDS SECURED BY FENCE AND TRENCH SYSTEM. AT LEAST 4 CIRCULAR PILL BOXES, TWO	2818N Ø8832	E Ø438		9
_	34		T	OP SECRE	T

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_	City, Installation		T	Installation Numbers
	City, installation	Coordinates	WAC	BE NPIC
25X1	POSSIBLE AUTOMATIC WEAPONS POSITIONS, AND NUMEROUS PERSONNEL OR STORAGE DUGOUTS OBSERVED. LITTLE ACTIVITY NOTED. AREA IS SERVED BY SINGLE-LANE NATURAL SURFACE ROADS FROM WEST, NORTH AND EAST. (ROAD FROM THE EAST IS APPARENTLY IN BEST CONDITION.)			
25X1I	DUNA AREA, MILITARY STRONGPOINT APPROXIMATELY 9 NM EAST OF DUNA. WALLED AREA, LOCATED AT NORTH EDGE OF A GROUP OF SMALL UNCHARTED LAKES, CONTAINS 6 D BUILDINGS, A TRENCH SYSTEM, AND 2 PROBABLE PILL-BOXES.	2800N 08922E	Ø438	16
25X1D	CHONGDZA MILITARY INSTALLATION 25X1D NO APPARENT CHANGE SINCE MISSION	2828N Ø8952E	Ø438	15
25X1L 25X1L	GYANGTSE AREA, POSSIBLE BARRACKS AREA 23 NM SOUTH OF GYANGTSE. NO APPARENT CHANGE SINCE MISSION	2833N Ø8941E	Ø438	12-D
25X1D	GYANGTSE AREA, RADAR SITE ONE NM SOUTH OF GYANGTSE. EARLY-WARNING RADAR SITE INCLUDES ONE SCR-270 RADAR, ONE CONTROL VAN, ONE POSSIBLE CROSS FORK-TYPE RADAR ON VAN, AND 2 TENTS. SITE IS SERVED BY A WIRE LINE.	2854N Ø8936E	Ø438	12-c
L	. 35	1	TO	P SECRET

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:5X1	TOP SECRET				T		/R-57/63
		City, Installation	Coo	ordinates	WAC	Installation BE	NPIC NPIC
25X1D	.5 NM SSE METEOROLOG STRUCTURES COMMUNICAT HORIZONTAL	A. METEOROLOGICAL SITE OF GYANGTSE. ICAL STATION INCLUDES 3 INSTRUMENT IAND ONE HIGH-FREQUENCY IONS SITE (2 STICK MASTS POLARIZED LY WITH A NNW/SSE ORIENTATION, AND IN BUILDING). FACILITY IS SERVED BY A	2855N	Ø8936E	Ø438		12-H
25X1D	GYANGTSE ARE	EA, MILITARY INSTALLATION HT CHANGE SINCE MISSION 25X1D	2857N	Ø8931E	Ø438	25X1A	12-F
25X1D	RADIO STAT	MPLEX ONTAINS ARMY BARRACKS, RADAR SITE, FIONS, AND METEORLOGICAL SITE, EMS ARE REPORTED SEPARATELY IN THIS	2857N	Ø8938E	Ø438	25X1A	12
25X1D	ONE LOCATE MASTS AND ENCLOSED E .75 NM SE WALLED BAR CONTROL BU FACILITIES	EREQUENCY RADIO STATIONS OBSERVED — ED .25 NM SE OF GYANGTSE INCLUDES 11 ONE CONTROL BUILDING NEAR AN BARRACKS AREA, AND THE OTHER LOCATED OF GYANGTSE AND 250 FT SE OF A RRACKS AREA INCLUDES 3 MASTS AND ONE JILDING. NO OTHER APPARENT CHANGE: IN S SINCE MISSION — ———————————————————————————————————	2857N	Ø8938E	Ø438		12-B
<u> </u>		36	<u></u>		т	OP SECRE	:T

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11		City, Installation	Co	ordinates	WAC	Installation BE	Numbers NPIC
25X1D	NE OF GYANGTSI UNDER CONSTRUI PORTION OF OLI	KATSE ROAD FROM 2 NM SE OF GYANGTSE TO 7 NM E. A NEW SECTION OF ROAD IS CTION TO CIRCUMVENT A WASHED-OUT D ROAD. MAJOR REPAIR WORK IS IN D-03N 089-52E.	2857N	Ø8938E	Ø438	or.	12-G
25X1D	SHAPGEDING AREA .5 NM EAST OF AN APPROXIMATE TYPE, 2 LANE) BRAHMAPUTRA RI	SHAPGEDING. ELY 200 FT ROAD BRIDGE (DECK- CROSSES A TRIBUTARY OF THE	.29Ø8N	Ø8822E	Ø438		19
25X1D	ZHIKATSE AREA, F 3.5 NM SSE OF AN APPROXIMATE TYPE, 2-LANE) BRAHMAPUTRA RI	ZHIKATSE. LY 300 FT ROAD BRIDGE (DECK— CROSSES A TRIBUTARY OF THE	2913N	Ø8854E	Ø438		2-1
25X1D	PREVIOUSLY REP A STORAGE AREA STAGES OF CONS SEVENTEENTH BU	NORTH OF ZHIKATSE WHICH WAS ORTED AS BARRACKS APPEARS TO BE SIXTEEN BUILDINGS IN VARIOUS TRUCTION AND FOUNDATIONS FOR A ILDING OBSERVED. NO OTHER ES IN COMPLEX SINCE MISSION	2915N	Ø8853E	Ø438		2
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1)		37			T_	N CECOLT	• I

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			City, Installation		Cod	ordinates	WAC	Installation BE	n Numbers NPIC
		OF ZHIK			2915N	Ø8853E	Ø 438	25X1A	2-A
25X1D	15 STORAGE MISCELLANED AND 3 SMALL	BUILDIN OUS BUIL TENTS ID 15 PI	GS AND APPROXIMITIES AND APPROXIMITIES ONE LARGE OBSERVED. APPROECES OF UNIDENT	MATELY 40 GE, 25 MEDIUM DXIMATELY 10				25X1A	
25X1D	FORTY-SEVEN BUILDINGS A OBSERVED. A	NM SOU BARRAC ND 25 M MOIOR OUTH CON	TH OF ZHIKATSE. KS. 4 ADMINISTR ISCELLANEOUS BU POOL LOCATED AP ITAINS 7 BUILDIN	RATION DILDINGS PPROXIMATELY	2915N	Ø8853E	Ø438		2-B
25X1I		F ZHIKA			2917N	Ø8854E	943 8		2-J
25X1E 25X1D	10 NM NW OF NO VEHICLES	GYANGT OBSERV ON	ED. NO OTHER AP	PARENT CHANGE	29Ø1N	Ø8929E	Ø438		12-E
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	ITARY STRONGPOINT 25X1D-	2725N	Ø8852E	Ø553		1-B
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YATUNG ARMY BARI NO APPARENT CI	RACKS HANGE SINCE MISSION	2728N	Ø8854E	Ø553		1:
MONASTERY. FOR	AREA ACKS AREA REPORTED IN MISSION APPEARS TO BE A DESTROYED UNDATIONS AND LOW WALLS REMAIN BUILDING MATERIALS OR ACTIVI	273ØN	Ø8857E	Ø553		1-6
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APPENDIX EXPLANATION OF COLUMN HEADINGS AND PHOTO REFERENCES

<u>City</u>, <u>Installation</u> -- This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. The city and installation names are followed by a capsule description, where appropriate.

<u>Coordinates</u> -- Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

<u>WAC</u> -- This column provides the World Aeronautical Chart number for the area in which the subject installation lies.

Installation Numbers -- The installation Numbers column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the target. The second column lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since the installation numbers are repeated from WAC to WAC. For example, there is an NPIC target numbered 0434-5 and an NPIC target numbered 0553-5. In each instance, the NPIC installation number is 5, but the installations appear on different WACs.

The photo reference indicates frame(s) on which the target appears, and conditions which affect interpretation of the target.